RadioLINK Alarm

MAINS POWERED 230V~

Alarm for Deaf & Hard of Hearing

Model Ei170RF

- **Integral high intensity strobe**
- **Plug-in vibration pad**
- **Wireless interconnection to RadioLINK units**
- **Visual RF transmission and power indicators**
- **Unique House-Coding**
- **Rechargeable battery back-up**
- **Low battery power warning**
- **Auxiliary sockets for connection of additional devices**
- **5 year guarantee**

Product Description

The Ei170RF is a RadioLINK alarm system designed to give warning to the deaf and hard of hearing on receipt of an alarm or test signal. It consists of a control box with integral strobe and a plug-in vibration pad.

The Ei170RF is designed to be powered from a permanent mains power supply. It also contains a rechargeable battery that provides back-up power in the event of mains failure.

It has a built-in high intensity Xenon strobe with a specially designed lens that provides wide-angle light output. An integral 'Test' button on the front of the unit, allows an easy means of testing the strobe, vibration pad and the RadioLINK bases/alarms in the system.

The vibration pad has a simple plug-in connector and is designed to be placed under a pillow to wake people who fail to respond to the visual strobe.

The Ei170RF uses advanced transceiver and signal coding technology to ensure robust and reliable RF signaling. It also has a House-Code feature that allows a system of RadioLINK units to be coded together to prevent interference with neighboring systems.

The Ei170RF supports connectivity to optional input and output devices, e.g. pagers, strobes, alarm clocks.

Operation

- On receipt of a RadioLINK alarm or test signal, the strobe will flash, the pad will vibrate on a 2 second cycle and the Red LED will flash.
- Pressing the integrated 'Test' button will check and activate the strobe and vibration pad. The unit will also send out a RadioLINK alarm signal that will activate all RadioLINK bases/alarms in the system.
- LED indicators provide status information on Power, Fault, RF activity and Alarm conditions.
- Auxiliary 1 output is activated on receipt of a RadioLINK alarm or test signal. The output will drive the attached device (optional), e.g. additional vibration pad.
- Auxiliary 2 is activated on receipt of a RadioLINK alarm or test signal. The output will drive the attached device (optional), e.g. pager.
- On receipt of a signal from an alarm clock via the clock input the vibration pad will be activated. To distinguish it from an alarm or test signal the vibration will be continuous. The strobe light is not activated by the clock input.

Ei Electronics®

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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.

Model Ei170RF

Technical Specification

Supply Voltage: 230V AC, 50HHz Transformer supplied with device.

Battery back-up: Sealed Rechargeable lead acid battery

Power-On Indicator: Continuous Green LED when mains connected.
Amber light flashes every 4 seconds when mains is absent

Alarm Indicators: Xenon tube strobe (1.5 Hz)
Red LED flashes every second
The vibration pad, in alarm, has an on-off 2 second cycle

Fault Indicator: Amber LED flashes every 4 seconds when a fault is detected or battery is low.

RF Indicator: Blue LED on to indicate RF transmission

Auxiliary Output 1: Provides 12V DC /180mA in alarm

Auxiliary Output 2: Provides 12V DC /20mA in alarm

Alarm Clock Input: 5-24V (AC or Mains isolated DC) 3.5mm mono jack socket

Test Button: Tests strobe, vibration pad, panel and all connected RadioLINK smoke alarms and acce

Temperature Range: 0°C to 40°C

Humidity Range: 15% to 95% Relative Humidity – non condensing

Frequency: 868MHz band (1% duty cycle)

Interconnect: Up to 12 interconnected RadioLINK smoke/heat alarms and accessories (Ei3100RF, Ei3105RF, Ei3103RF, Ei405, Ei405TY, Ei168RC, Ei410, Ei411H. Ei428, Ei407,Ei174, Ei178)

Accessories: Ei178 Auxiliary Strobe Light
Ei174 Auxiliary Vibration Pad.

Fixing: Wall or surface mounting screw fixings supplied

Plastic material: UL94VO flame retardant

Warranty: 5 year (limited) warranty

Approvals: BS 415:1990 electrical safety
CE Marked

Specifications are subject to change

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